

In the specification:

Page 1, line 2, amend as follows:

~~Prior Art~~ CROSS-REFERENCE TO A RELATED APPLICATION

The invention described and claimed hereinbelow is also described in German Patent Application DE 10 2004 017716.3 filed on April 10, 2004. This German Patent Application, subject matter of which is incorporated herein by reference, provides the basis for a claim of priority of invention under 35 U.S.C. 119(a)-(d).

BACKGROUND OF THE INVENTION

Page 1, line 24, amend as follows:

~~Advantages of the Invention~~ Summary of the Invention

Amend the paragraph bridging pages 1 and 2 as follows:

~~The rotor according to the invention of an electrical machine,~~
~~having the characteristics of independent claim 1, In keeping with these objects,~~
one feature of the present invention resides, briefly stated, in a rotor (1) of an
electrical machine (10), having at least one permanent magnet (3), which is
embodied as a hollow cylinder (5) and which has axial contact faces (20) that
cooperate with corresponding axial clamping faces (22) of at least one retaining
element (4), with which element the permanent magnet (3) is secured to the rotor
(1), wherein at least one of the clamping faces (22) has a knurling (46) extending
in the radial direction, and wherein the retaining element (4) has a spring element
(30, 32) which presses the clamping face (22) against the contact face (20) with
a contact pressure.

When a rotor of an electrical machine is designed in accordance
with the present invention, it has the advantage that because of its axially
prestressed securing, the pressure-sensitive permanent magnet, even if major
temperature fluctuations occur, remains cleanly centered relative to the rotor
shaft without being destroyed. Because of the integral forming of a radial knurling
on the clamping faces of the retaining elements, the contact face of the
permanent magnet can on the hand move relative to the clamping face in order to
compensate for material stresses, while on the other, even if such relative motion
occurs, the permanent magnet remains exactly centered relative to the rotor
shaft by the guiding function of the radial grooves. As a result, pairings of

materials for the contact face and the clamping face that have different coefficients of thermal expansion can be used, and self-centering of the magnet is assured by the radial location of the fluting.

Page 2, amend the paragraph in lines 9-15 as follows:

~~By the provisions recited in the dependent claims, advantageous refinements of and improvements to the characteristics recited in claim 1 are obtained.~~ If the radial knurling has raised areas which extend in the radial direction and which in the axial direction are tapered to a point in wedgelike fashion, the raised areas, under the influence of the axial clamping force, can easily dig into the contact faces of the magnet, or of its surface coating, and as a result can form a form lock with regard to the tangential direction (direction of rotation).

Page 5, line 12, delete the heading "Drawings" in its entirety.

Page 5, between lines 14 and 15, insert the following heading:

BRIEF DESCRIPTION OF THE DRAWINGS

Page 5, line 22, amend as follows:

~~Description of the Exemplary Embodiments~~DESCRIPTION OF THE
PREFERRED EMBODIMENTS